

SEQUENCE LISTING

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<120> COMPOSITIONS AND METHODS FOR TREATING
HUMAN PAPILLOMAVIRUS-MEDIATED DISEASE

<130> 08191-029US1

<140> US 10/532,168
<141> 2005-04-20

<150> PCT/US03/32705
<151> 2003-10-16

<150> US 60/420,068
<151> 2002-10-21

<150> US 60/471,481
<151> 2003-05-15

<160> 98

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Asp	Leu	Cys	Ile	Val	Tyr	Arg	Asp	Gly	Asn	Pro	Tyr	Lys	Ile	Ser	Glu
			35			40								45	
Tyr	Arg	His	Tyr	Cys	Leu	Tyr	Gly	Thr	Thr	Leu	Glu	Gln	Gln	Tyr	Asn
			50			55						60			
Lys	Thr	Leu	His	Glu	Tyr	Met	Leu	Asp	Leu	Gln	Pro	Glu	Thr	Thr	Asp
	65			70			75						80		
Lys	Tyr	Gln	Ala	Glu	Pro	Asp	Arg	Ala	His	Tyr	Asn	Ile	Val	Thr	Phe
			85				90						95		
Leu	Leu	Met	Gly	Thr	Leu	Gly	Ile	Val	Cys	Pro	Ile	Cys	Ser	Gln	Lys
			100				105						110		
Pro	Arg	Arg	Pro	Tyr	Lys	Leu	Pro	Asp	Leu	Cys	Thr	Glu	Leu	Asn	Thr
			115				120						125		
Ser	Leu	Gln	Asp	Ile	Glu	Ile	Thr	Cys	Val	Tyr	Cys	Lys	Thr	Val	Leu
			130			135						140			
Glu	Leu	Thr	Glu	Val	Phe	Glu	Phe	Ala	Phe	Lys	Ser	Val	Tyr	Gly	Asp
	145				150					155				160	
Thr	Leu	Glu	Lys	Leu	Thr	Asn	Thr	Gly	Asn	Leu	Leu	Ile	Arg	Cys	Leu
			165				170						175		
Arg	Cys	Gln	Lys	Lys	Ala	Thr	Leu	Gln	Asp	Ile	Val	Leu	His	Leu	Glu
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Pro	Gln	Asn	Glu	Ile	Pro	Val	His	Thr	Met	Leu	Cys	Met	Cys	Cys	Lys
			195			200						205			
Cys	Glu	Ala	Arg	Ile	Ala	Phe	Gln	Gln	Leu	Phe	Leu	Asn	Thr	Leu	Ser
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Glu	Arg	Pro	Arg	Lys	Leu	Pro	Gln	Leu	Cys	Thr	Glu	Leu	Leu	Leu	Arg
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Arg	Glu	Val	Tyr	Asp	Phe	Ala	Phe	Arg	Asp	Leu	Cys	Ile	Val	Tyr	Arg
			50			55						60			
Asp	Gly	Asn	Pro	Tyr	Lys	Ile	Ser	Glu	Tyr	Arg	His	Tyr	Cys	Leu	Tyr
	65				70			75					80		
Gly	Thr	Thr	Leu	Glu	Gln	Gln	Tyr	Asn	Lys	Thr	Leu	His	Glu	Tyr	Met
				85			90						95		
Leu	Asp	Leu	Gln	Pro	Glu	Thr	Thr	Asp	Lys	Tyr	Gln	Ala	Glu	Pro	Asp
				100			105						110		
Arg	Ala	His	Tyr	Asn	Ile	Val	Thr	Phe	Leu	Leu	Met	Gly	Thr	Leu	Gly
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Thr Gly Asn Leu Leu Ile Arg Cys Leu Arg Cys Gln Lys Lys Ala Thr		
195	200	205
Leu Gln Asp Ile Val Leu His Leu Glu Pro Gln Asn Glu Ile Pro Val		
210	215	220
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Arg Glu Val Tyr Asp Phe Ala Phe Arg Asp Leu Cys Ile Val Tyr Arg		
50	55	60
Asp Gly Asn Pro Tyr Lys Ile Ser Glu Tyr Arg His Tyr Cys Leu Tyr		
65	70	75
Gly Thr Thr Leu Glu Gln Gln Tyr Asn Lys Thr Leu His Glu Tyr Met		
85	90	95
Leu Asp Leu Gln Pro Glu Thr Thr Asp Lys Tyr Gln Ala Glu Pro Asp		
100	105	110
Arg Ala His Tyr Asn Ile Val Thr Phe Leu Leu Met Gly Thr Leu Gly		
115	120	125
Ile Val Cys Pro Ile Cys Ser Gln Lys Pro Arg Arg Pro Tyr Lys Leu		
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145	150	155
Thr Cys Val Tyr Cys Lys Thr Val Leu Glu Leu Thr Glu Val Phe Glu		
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Phe Ala Phe Lys Ser Val Tyr Gly Asp Thr Leu Glu Lys Leu Thr Asn		
180	185	190
Thr Gly Asn Leu Leu Ile Arg Cys Leu Arg Cys Gln Lys Lys Ala Thr		
195	200	205
Leu Gln Asp Ile Val Leu His Leu Glu Pro Gln Asn Glu Ile Pro Val		
210	215	220
His Thr Met Leu Cys Met Cys Cys Lys Cys Glu Ala Arg Ile Ala Phe		
225	230	235
Gln Gln Leu Phe Leu Asn Thr Leu Ser Phe Val Cys Pro Trp Cys		

245

250

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